

ABSTRACT

SELF-EXCISING POLYNUCLEOTIDES AND USES THEREOF

The present invention includes compositions and methods for providing organisms from which transgenic traits can be easily excised. More specifically, the present invention provides self-excising polynucleotides that contain a desired trait and a recombinase polynucleotide. The present invention provides methods for the elimination of unwanted nucleic acids in agricultural food products. Additionally, the compositions and methods of the present invention provide a means to prevent the escape of certain transgenic traits into the environment.

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